

10/069498 #24A
JN rec'd PCT/PTO 27 FEB 2002 9/17/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Günther, et al.

Int'l Appln. No.: PCT/EP00/08338

Serial No.: to be assigned

Int'l Filing Date: 25 August 2000 (25.08.00)

Filing Date: February 27, 2002

For: Electric Heating Element For Hot Runner Systems
And A Method For Producing A Heating Element Of This Type

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to calculation of the fees and issuance of the first official action, please amend the above-captioned application as follows:

IN THE CLAIMS:

Please delete claims 1 - 46 and add new claims 47-85 as indicated below:

sub B 4X. Electrical heating device (10) for use in hot runner systems including manifolds and/or hot runner nozzles (12) with at least one mold mass flow tube (13) associated to a flow duct (14), comprising at least one insulating dielectric layer (20) and at least one heating layer (22) having heating conductors (23), the at least one insulating dielectric layer (20) being applied by direct coating in an adherent manner onto a wall (16) of the flow tube (13) and being coated by said at least one heating layer (22) having heating conductors (23).